Name Class

Teacher Date



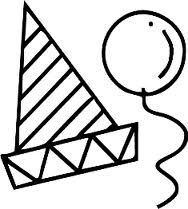
***Common Core***

***Learning Standards***

*6.EE.3*

*6.EE.2a*

*6.EE.2b*



You are having a surprise birthday party for your best friend. You want to give “goody bags” to the guests. The goody bags will include the following:

|  |  |
| --- | --- |
| Item | Price |
| Noisemaker | $.50 |
| Party Hat | $.25 |
| Temporary Tattoos | $.05 |
| Stickers | $.01 |
| Candy | $3.00 |

Write an expression to show the total cost of candy in the goody bags if you need n goody bags.

Write an expression to show the total cost of noisemakers and party hats for n goody bags.

Use the distributive property to evaluate the expression above if you need to make 12 goody bags.

Answer:

You need to order food for the party. You decide to serve pizza and mozzarella sticks. Let p represent the number of slices of pizza and m represent the number of mozzarella sticks. The expression below shows this situation. Factor the expression to demonstrate the distributive property.

**24s + 36m**

Answer:

At the last second, you remember that every birthday party needs a cake! You buy ice cream and cake. The following expression represents this situation.

**5n + 35**

What is the mathematical term for the 5?

What is the mathematical term for the n?

What is the mathematical term for the +?

What is the mathematical term for the 35?